SERVICE MANUAL

FOR

MODEL WPP-331-F
WEATHERPROOF TELEPHONE

OR

MODEL SSP-311-F
STAINLESS STEEL PANEL TELEPHONE

Serving the Telephone Industry Since 1930

Communication Equipment
& Engineering Company

1580 NW 65th Avenue
Plantation, FL 33313
Voice: 954-587-5430
Fax: 954-587-5440

IMPORTANT INFORMATION FOR CUSTOMER

Please fill in before you continue.

The following information is necessary when calling CEECO for assistance.

MODEL NUMBER	MODEL WPP-331-F OR SSP-311-F
SERIAL NUMBER	
DATE MANUFACTURED	
LOCATION INSTALLED	

For us to better serve you, please have this information available when calling for technical support.

CEECO

Communication Equipment and Engineering Company

1580 NW 65th Avenue
Plantation, FL 33313

(954) 587-5430 Voice
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TABLE OF CONTENTS

SECTION **PAGE**

1.0 INTRODUCTION..... 4

2.0 GENERAL DESCRIPTION..... 4

3.0 OPERATION..... 4

4.0 RECOMMENDED TOOLS AND TEST EQUIPMENT..... 4

5.0 INSTALLATION NOTES AND ASSEMBLY INSTRUCTIONS..... 5

6.0 TESTING..... 5

7.0 TROUBLESHOOTING GUIDE..... 6

8.0 SPECIFICATIONS..... 7

9.0 PARTS LIST..... 8

10.0 FCC NOTICE..... 9

11.0 REPAIR AND RETURN INFORMATION..... 10

12.0 WARRANTY POLICY..... 11

1.0 INTRODUCTION

The practices in this manual provide installation and maintenance information for Model WPP-331-F Weatherproof Telephone and Model SSP-311-F Stainless Steel Panel Telephone.

The information in this manual is subject to change without notification.

For information not included in this manual, please call or write:

CEECO
Customer Service
1580 NW 65th Avenue
Plantation, FL 33313

(954) 587-5430
(954) 587-5440 FAX

2.0 GENERAL DESCRIPTION

The CEECO Model WPP-331-F Weatherproof Telephone and Model SSP-311-F Stainless Steel Panel Telephone are equipped with a metal button tone dial. They are vandal resistant telephones, designed for special purpose applications where a telephone must be both sturdy and attractive.

3.0 OPERATION

3.1 Lift the handset. After dial tone is heard, dial your number using the keypad. Normal phone operation follows.

3.2 An incoming call is indicated by an audible ringer. When the phone rings, lift the handset. Normal operation will follow.

4.0 RECOMMENDED TOOLS AND TEST EQUIPMENT

Volt/Ohm Meter
1/4" Nut Driver
Flat Blade Screw Driver
Security Tool, CEECO Part Number 301-064

5.0 INSTALLATION NOTES AND ASSEMBLY INSTRUCTIONS

5.1 Run the inside station wire to the panel assembly and terminate on an RJ11C terminal block.

5.2 The use of a gas tube station protector is recommended. The station ground should not exceed 50 ohms.

5.3 Plug the modular line cord from the panel assembly into a RJ11C terminal block.

5.4 Dress the line cable away from the mounting holes before installing the panel into your housing.

******* WARNING *******

A. Never install telephone wiring during a lightning storm.

B. Never install telephone jacks in wet locations unless the jack is specifically designed for wet locations.

C. Never touch uninsulated telephone wires or terminals unless the telephone line has been disconnected at the network interface.

D. Use caution when installing or modifying telephone lines.

6.0 TESTING

6.1 Connect the phone to a phone line or a DTMF phone test set.

6.2 From the test set or another phone, place a call to the telephone.

6.3 Verify that the ringer is working.

6.4 Lift the handset and check that a normal conversation is allowed.

6.5 Place a call from the telephone by lifting the handset, waiting for dial tone, and dialing a number using the keypad. A normal phone conversation should be allowed.

7.0 TROUBLESHOOTING GUIDE

Always visually check the phone for loose or shorted wires, damaged terminals or damaged parts.

PROBLEM: NO DIAL TONE

POSSIBLE CAUSE:
LINE CORD
RJ11C CONNECTOR
NETWORK (IF PROVIDED)
HANDSET
DIAL PCB

PROBLEM: DIAL TONE IS DISTORTED

POSSIBLE CAUSE:
NETWORK
HANDSET

PROBLEM: PHONE DOES NOT DIAL

POSSIBLE CAUSE:
DIAL PCB
KEYPAD

PROBLEM: RINGER DOES NOT OPERATE

POSSIBLE CAUSE:
RINGER
NETWORK

PROBLEM: TRANSMITTER DOES NOT TURN ON

POSSIBLE CAUSE:
HANDSET
NETWORK

8.0 SPECIFICATIONS

INPUT POWER:	C.O. Line Powered
LOOP CURRENT:	23ma min to 80ma max
IMPEDANCE:	600 ohms
HEARING AID COMPATIBLE:	Meets EIA standards
ENVIRONMENTAL:	Temperature 0°C to 50°C Humidity 20%-90% non-condensating
FACEPLATE:	Brushed 16 ga. Stainless Steel
ENCLOSURE:	Cast Aluminum
DIMENSIONS:	SSP-311-F - 11 1/4" High x 7 1/6" Wide x 4 1/4" Deep (Handset on hook) WPP-331-F – 12 5/8” High x 9 1/2” Wide x 8 ” Deep (including door)
MOUNTING:	SSP-311-F - Vertical Surface Mount WPP-331-F - 4 Holes spaced 8” x 5 7/8”
WEIGHT:	SSP-311-F - 4 lbs. WPP-331-F - 16 lbs.
FCC REGISTRATION:	BW88T7-13717-TE-T
UL LISTED NO.:	6OF5
RINGER EQUIVALENCY:	0.4A
TYPE JACK:	RJ11C

9.0 PARTS LIST

QUANTITY	PART NUMBER	DESCRIPTION
1	735-100	Model 730 Chrome Plated Tone Dial
1	301-004-29	29" Armored Cord Handset for SSP-311-F
1	301-004-18	18" Armored Cord Handset for WPP-331-F
1	401-009	Ringer
1	301-009	Network
1	301-588	Hookswitch Cradle
1	301-581	Tongue and Bracket Assembly
2	301-570	Microswitch Assembly
1	301-018	Modular Cord
1	301-005	Ferrule
1	301-054-UL	Modular Connector (RJ11C)
4	331-006	Security Screw
1	331-005	Weatherproof Enclosure with Door for WPP-331-F

OPTIONS:

1	301-064	Security Tool, 1/8" Button Head
1	331-HOB	Weather Resistant Enclosure without Door for SSP-311-F

10.0 FCC NOTICE

10.1 FCC REGISTRATION AND REPAIR INFORMATION

Your new telephone has been registered with the Federal Communication Commission (FCC) in accordance with Part 68. The FCC requires that you be advised of certain requirements involving the use of this telephone.

10.2 CONNECTION WITH THE NATIONWIDE TELEPHONE NETWORK

The FCC requires that you connect this telephone to the Nationwide Telephone Network through a registered jack provided by the telephone company in your area. This jack is a modular outlet which you can order from your local telephone company.

10.3 NOTIFICATION TO THE TELEPHONE COMPANY

Before connecting this telephone, the FCC requires that you notify your local telephone company business office. The number is in the front of your phone book.

Tell them:
The "line" to which you will connect the telephone (your phone number) and the telephone's FCC registration number and ringer equivalence number. These numbers are listed in Section 8.0.

The FCC further requires that you notify your local telephone company when permanently disconnecting this telephone.

11.0 REPAIR AND RETURN INFORMATION

11.1 WARRANTY REPAIR

Any device returned requiring warranty service, repair or credit must be accompanied with a "Return Material Authorization" (RMA) FORM. It must include: return shipping instructions, original purchase order number and special marking instruction. A description of the trouble observed must be attached to the defective unit. This information must be inside the shipping container.

11.2 DIRECT ALL INQUIRES TO:

CEECO
Repair Department
1580 NW 65th Avenue
Plantation, FL 33313
(954) 587-5430

11.3 NON-WARRANTY REPAIR

CEECO will repair equipment out of warranty for a set charge plus parts. The customer must pay the shipping costs both directions.

11.4 RETURN FOR CREDIT

Material may be returned for credit only with prior approval. Material authorized for return is subject to a 15% restocking charge based on the manufacturers list price. Return Material Authorization must be requested no later than 30 days after original shipment.

12.0 WARRANTY POLICY

12.1 GENERAL

CEECO products are guaranteed to be free of defects in material and workmanship for a period of 365 days from the date of original purchase. CEECO's obligation under this warranty is limited to repair or replacement of any part found to be defective by CEECO. Under no circumstances shall CEECO be liable for loss, damage, cost of repair or consequential damages of any kind which have been caused by neglect, abuse, acts of God or improper operation of equipment. This warranty is limited to the value of material only.

12.2 PRINTED CIRCUIT BOARDS

Printed circuit boards should not be repaired in the field. If a unit is found to be faulty, replace it with another unit and return the faulty unit to CEECO for repair. Modifications by anyone other than CEECO will void the warranty.